

Converting Colors

CIELCh(72, 5.577, 222.427)

Have a look what the booklet for
CIELCh(72, 5.577, 222.427) contains.

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Color

CIELCh(72, 5.484, 222.559)

Conversions

Conversions Part 1

Format	Color
Hex	A5B3B7
RGB	165, 179, 183
RGB Percent	65%, 70%, 72%
CMY	0.3529, 0.2980, 0.2823
CMYK	0.10, 0.02, 0.00, 0.28
HSL	193°, 11%, 68%
HSV	193°, 10%, 72%
XYZ	40.1849, 43.6590, 51.1095
YIQ	175.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

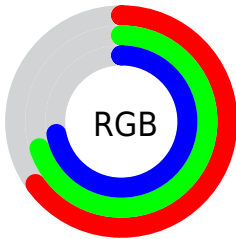
Format	Color
RYB	165, 173, 183
Decimal	10859447
CIELab	72.00, -4.04, -3.71
CIELCh	72, 5.484, 222.559
Yxy	43.6590, 0.2978, 0.3235
Android (android.graphics.Color)	4289049527 (0xFFA5B3B7)
YUV	175.2700, 3.8109, -9.0068
Hunter-Lab	66.0750, -7.0726, 0.3912

Details

The CIELCh color $72, 5.484, 222.559$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 5.820, 41.698$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 5.559, 221.075$, and $52, 5.447, 224.317$ is the 20% darker color. If you saturate the color by 10%, you get $70, 10.766, 223.045$, and if you desaturate by 10%, it is $74, 0.091, 36.556$.

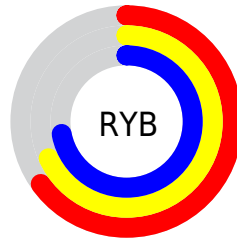
Distribution



Red (65%)

Green (70%)

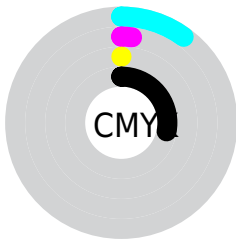
Blue (72%)



Red (65%)

Yellow (68%)

Blue (72%)

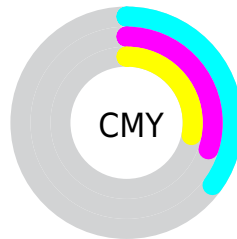


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (28%)



Cyan (35%)

Magenta (30%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.484, 222.559 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 72, 5.484, 222.559 by changing the saturation by 10% instead.

■ 72, 5.484, 222.559

■ 72, 5.484, 222.559

■ 100, 5.484,
222.559

■ 62, 5.484, 222.559

■ 92, 5.484, 222.559

■ 52, 5.484, 222.559

■ 42, 5.484, 222.559

■ 32, 5.484, 222.559

■ 22, 5.484, 222.559

■ 12, 5.484, 222.559

■ 2, 5.484, 222.559

■ 0, 5.484, 222.559

■ 72, 5.484, 222.559

■ 72, 5.484, 222.559

70, 10.766,
223.045

74, 0.091, 36.556

67, 15.680,
223.783

77, 5.893, 41.707

65, 20.145,
224.786

80, 11.865, 41.580

63, 24.081,
226.115

82, 17.960, 41.498

61, 27.420,
227.845

85, 23.573, 41.950

59, 30.115,
230.062

86, 23.025, 47.991

58, 32.166,
232.852

87, 22.751, 54.250

56, 33.629,
236.283

88, 22.759, 60.576

55, 34.708,

89, 23.049, 66.810

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72, 5.484, 222.559



70, 5.820, 41.698

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 5.484, 222.559



72, 5.484, 272.559



72, 5.484, 42.559



72, 5.484, 92.559

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72, 5.484, 222.540



93, 2.099, 222.460



73, 10.259, 150.504



50, 1.601, 222.429



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 5.484, 222.540



90, 8.211, 222.637



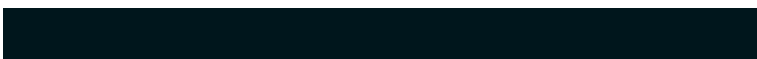
70, 7.276, 276.182



38, 3.171, 222.522



47, 30.734, 239.724



6, 8.515, 232.988

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70, 10.255, 331.900



87, 15.468, 332.058



73, 7.242, 93.719



36, 5.920, 331.867



35, 67.453, 339.347



3, 15.071, 335.071

Previews

White Background



This preview shows how the CIELCh color 72, 5.484, 222.559 looks on a white background.

Color Contrast Check

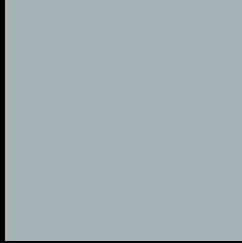
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 72, 5.484, 222.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

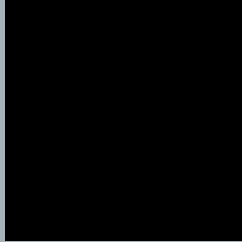
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

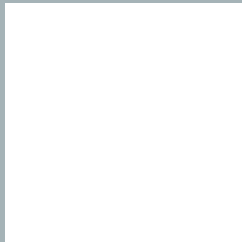
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 5.484, 222.559

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.484, 222.559.



This preview shows how white text looks on a background with the CIELCh color 72, 5.484, 222.559.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

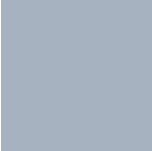
72, 5.484, 222.559

Protanopia

72, 3.473, 309.179

Deuteranopia

72, 10.440, 333.462



Tritanopia
72, 8.485, 263.438

Trichromacy



Original Color
72, 5.484, 222.559

Protanomaly
72, 3.436, 271.806

Deuteranomaly
72, 6.066, 315.929

Tritanomaly
72, 7.290, 254.652

Monochromacy



Original Color
72, 5.484, 222.559

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 2.134, 230.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 5.484, 222.559 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(165, 179, 183)` looks like.

```
.text, #text, p{  
    color:rgb(165, 179, 183)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(165, 179, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 179, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.484, 222.559 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 179, 183) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(165, 179, 183) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(165, 179, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 179, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 179, 183);  
box-shadow:4px 4px 4px 4px rgb(165, 179,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.484, 222.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 179, 183) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(165,  
179, 183) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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